

AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

1. – 10. (Cancelled)
11. (Currently amended) A process for producing an aqueous biocidal composition by adding bromine chloride to an alkali metal sulfamate solution formed from water, sulfamic acid and alkali metal base, wherein the pH of said alkali metal sulfamate solution is maintained at about 13.0 or greater during bromine chloride addition.
12. (Currently amended) The process of claim 11, wherein the molar ratio of sulfamic acid to bromine chloride used to produce the aqueous biocidal composition is greater than 0.93.
13. (Currently amended) The process of claim 12, wherein sufficient bromine chloride is added such that ~~the resulting aqueous biocide solution~~ resultant aqueous biocidal composition has an active bromine content of at least 100,000 ppm.
14. (Currently amended) The process of claim 12, wherein the molar ratio of sulfamic acid to bromine chloride used to produce the aqueous biocidal composition is in the range of about 1.0 to about 1.4.
15. (Currently amended) The process of claim 14, wherein sufficient bromine chloride is added such that ~~the resulting aqueous biocide solution~~ resultant aqueous biocidal composition has an active bromine content of at least 100,000 ppm.

16. (Previously presented) The process of claim 11, wherein the pH of said alkali metal sulfamate solution is maintained at a pH of about 13.0 or greater during bromine chloride addition by co-feed of an alkali metal base.
17. (Currently amended) The process of claim 16, wherein the molar ratio of sulfamic acid to bromine chloride used to produce the aqueous biocidal composition is greater than 0.93.
18. (Currently amended) The process of claim 17, wherein sufficient bromine chloride is added such that the ~~resulting aqueous biocide solution~~ resultant aqueous biocidal composition has an active bromine content of at least 100,000 ppm.
19. (Currently amended) The process of claim 17, wherein the molar ratio of sulfamic acid to bromine chloride used to produce the aqueous biocidal composition is in the range of about 1.0 to about 1.4.
20. (Currently amended) The process of claim 19, wherein sufficient bromine chloride is added such that the ~~resulting aqueous biocide solution~~ resultant aqueous biocidal composition has an active bromine content of at least 100,000 ppm.
21. (Currently amended) ~~A~~ A sulfamate stabilized halogen aqueous biocidal solution preparable by adding bromine chloride to an alkali metal sulfamate solution formed from water, sulfamic acid and alkali metal base, wherein the pH of said alkali metal sulfamate solution is maintained at about 13.0 or greater during bromine chloride addition.

22. (Currently amended) The sulfamate stabilized halogen aqueous biocidal solution of claim 21, wherein ~~the~~ said aqueous biocidal solution has a molar ratio of sulfamic acid to bromine chloride is greater than 0.93.
23. (Currently amended) The sulfamate stabilized halogen aqueous biocidal solution of claim 22, wherein said aqueous biocidal solution ~~sufficient bromine chloride is added such that the resulting aqueous biocide solution has an active bromine~~ halogen content of at least 100,000 ppm measured as Br₂.
24. (Currently amended) The sulfamate stabilized halogen aqueous biocidal solution of claim 22, wherein ~~the~~ said aqueous biocidal solution has a molar ratio of sulfamic acid to bromine chloride is in the range of about 1.0 to about 1.4.
25. (Currently amended) The sulfamate stabilized halogen aqueous biocidal solution of claim 24, wherein ~~sufficient bromine chloride is added such that the resulting aqueous biocide solution~~ said aqueous biocidal solution has an active bromine halogen content of at least 100,000 ppm measured as Br₂.
26. (Currently amended) The sulfamate stabilized halogen aqueous biocidal solution of claim 21, wherein the pH of said alkali metal sulfamate solution is maintained at a pH of about 13.0 or greater during bromine chloride addition by co-feed of an alkali metal base.
27. (Currently amended) The sulfamate stabilized halogen aqueous biocidal solution of claim 26, wherein ~~the~~ said aqueous biocidal solution has a molar ratio of sulfamic acid to bromine chloride is greater than 0.93.
28. (Currently amended) The sulfamate stabilized halogen aqueous biocidal solution of claim 27, wherein said aqueous biocidal solution ~~sufficient bromine chloride is~~

~~added such that the resulting aqueous biocide solution has an active bromine~~
halogen content of at least 100,000 ppm measured as Br₂.

29. (Currently amended) The sulfamate stabilized halogen aqueous biocidal solution of claim 27, wherein ~~the said aqueous biocidal solution has a~~ molar ratio of sulfamic acid to bromine chloride ~~is in the range of about 1.0 to about 1.4.~~

30. (Currently amended) The sulfamate stabilized halogen aqueous biocidal solution of claim 29, wherein said aqueous biocidal solution ~~sufficient bromine chloride is~~
~~added such that the resulting aqueous biocide solution has an active bromine~~
halogen content of at least 100,000 ppm measured as Br₂.